

11/11 2181

Attorney Docket No.: EMC02-25(01087)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Jonathan J. Barrow and Frederick M. Rymsha  
Serial No.: 09/877,810  
Filing Date: June 7, 2001  
For: DATA STORAGE SYSTEM WITH INTEGRATED SWITCHING  
Examiner: Unassigned  
Art Unit: 2181

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By: Crystal Slason  
(Typed or printed name of person mailing  
Document, whose signature appears below)

Signature: *Crystal Slason*

Assistant Commissioner for Patents  
Washington, DC 20231

**TRANSMITTAL LETTER**

Sir:

Enclosed is/are:

- [x] Transmittal Letter (this form, 2 pages, in duplicate), Total Pages: 4;
- [x] Information Disclosure Statement, Total Pages: 3;
- [x] PTO-1449 Form, Total Pages: 1;
- [x] Copies of cited references enclosed, Total References: 2;
- [x] Copy of International Search Report, Total Pages: 2;
- [x] Return Receipt Pre-paid Postcard (in duplicate), Total Postcards: 2;
- [x] Authorization to charge Deposit Account No. 50-0901, if required.

U.S. Application No.: 09/877,810

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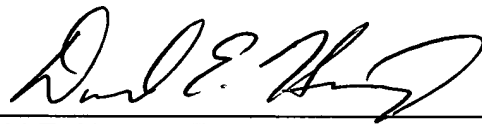
There is no fee required. If the U.S. Patent and Trademark Office deems a fee necessary, this fee may be charged to the account of the undersigned, Deposit Account No. 50-0901.

If the enclosed papers or fees are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (508) 366-9600, in Westborough, Massachusetts.

Respectfully submitted,

CHAPIN & HUANG, L.L.C.

By: \_\_\_\_\_



David E. Huang, Esq.  
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Facsimile: (508) 616-9805

Dated: November 1, 2002



#62  
11-26-02

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Jonathan J. Barrow and Frederick M. Rymsha  
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Signature: *Crystal Slason*

Assistant Commissioner for Patents  
Washington, DC 20231

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**INFORMATION DISCLOSURE STATEMENT**

Sir:

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.129(a), or (If IDS filed as first/second submission after Final Rejection);
- ☒ under 37 CFR 1.97(b), or (If IDS Filed within three months of filing national application; or date of entry of the national stage in international application; or before mailing date of first office action on the merits; whichever occurs last);
- ☐ under 37 CFR 1.97(c) together with either:
- ☐ a Statement under 37 CFR 1.97(e), as checked below, or

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- ☐ a \$180.00 fee under 37 CFR 1.17(p), or (If filed after the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with:
- ☐ a Statement under 37 CFR 1.97(e), as checked below, and
- ☐ a Petition under 37 CFR 1.97(d)(2), and
- ☐ a \$130.00 petition fee set forth in 37 CFR 1.17(i). (If IDS filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)
- ☐ Applicant requests that the attached IDS and cited reference(s) \_\_\_\_\_ be placed in the application filewrapper. (If IDS filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Enclosed herewith is form PTO-1449:

- ☒ Copies of the cited references are enclosed.
- ☐ Copies of cited references are enclosed except those entered in a prior application, having U.S. Serial No. \_\_\_\_\_, and references that are not required to be submitted under 37 CFR 1.98.
- ☒ The listed references were cited in the enclosed International Search Report in a counterpart foreign application.

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Concise Explanation Requirement (required for non-English references):

- ☐ The "concise explanation" requirement for reference(s) \_\_\_\_\_ under 37 CFR 1.98(a)(3) is satisfied by:
- ☐ the explanation provided on the attached sheet.
- ☐ the explanation provided in the Specification.
- ☐ submission of the enclosed International Search Report.
- ☐ the enclosed English language abstract.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

- ☒ No fee is required for this Information Disclosure Statement.
- ☐ Enclosed is a check in the amount of \$\_\_\_\_\_.
- ☐ A copy of this Statement is enclosed.

If a fee is required for this IDS, or if the enclosed fee is not sufficient, the Patent Office is hereby granted permission to charge Deposit Account No. 50-0901 (Chapin & Huang, L.L.C.) for any additional fees required for this IDS.

Respectfully submitted,

CHAPIN & HUANG, L.L.C.

By: \_\_\_\_\_



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Dated: November 1, 2002

PTO-1449 REPRODUCED

ATTORNEY DOCKET NO.

APPLICATION SERIAL NO.

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

EMC02-25(01087)

09/877,810

(Use several sheets if necessary)

APPLICANT

Jonathan J. Barrow and Frederick M. Rymsha

FILING DATE

June 7, 2001

GROUP

2181

## U. S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE mm/dd/yy	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
	AL	0 488 057 A1	06/03/92	Europe	G06F	13/40	X
	AM	WO 00/55742	09/21/00	PCT	G06F	13/00	X
	AN						
	AO						
	AP						
	AQ						

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	International Search Report from International Application No. PCT/US 01/47505, filed October 30, 2001, 2 Pages.
AS	
AT	

EXAMINER

DATE CONSIDERED